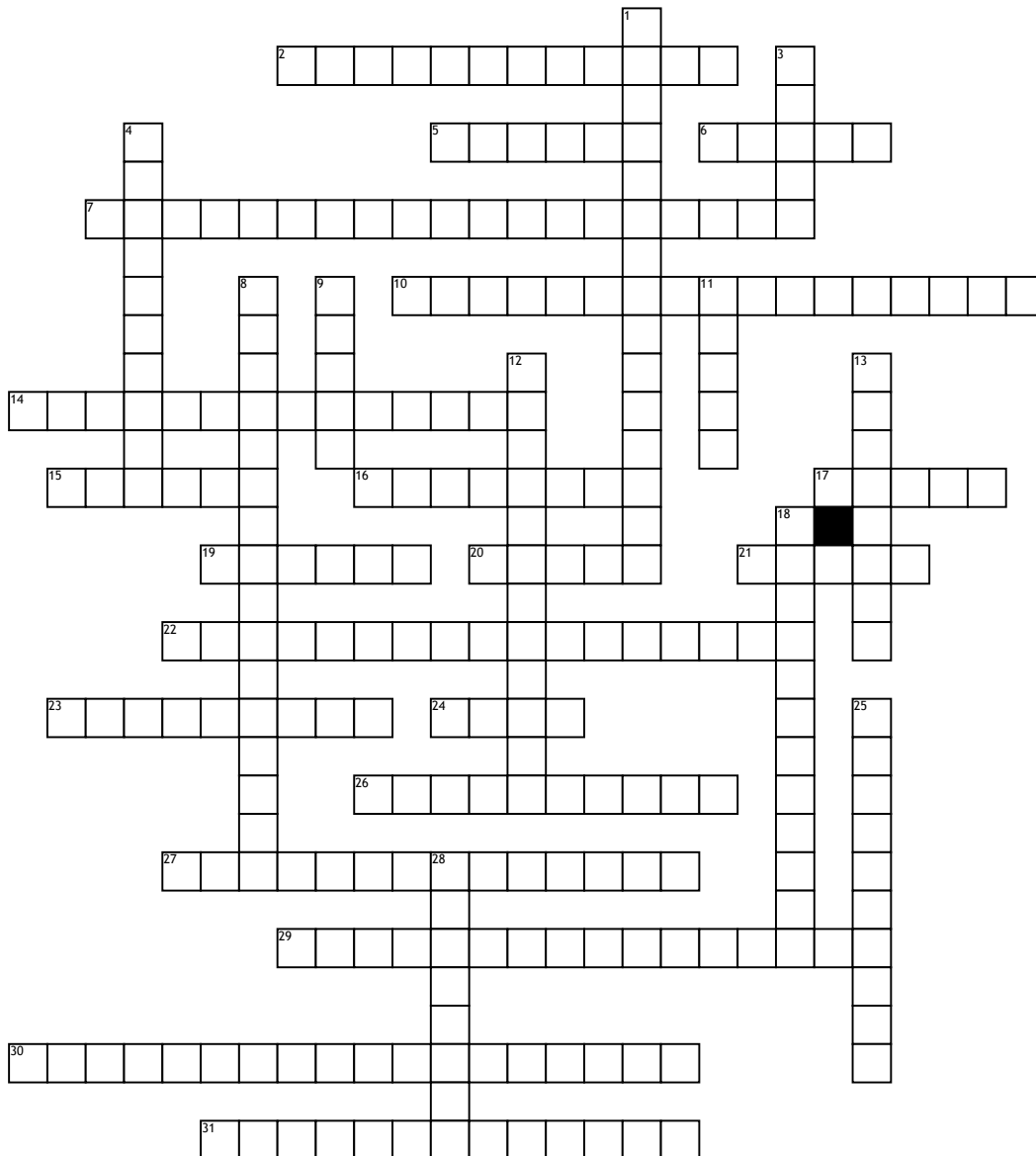Name: _____

Vocabulary Unit 2

Across

2. A number written using digits and place value

5. all the possible input values of a function

6. the equation of a straight line in the form y = mx + b where m is in of the line and b is its y-intercept

7. variable (often denoted by x) whose variation does not depend on that of another

10. have a constant slope, so you have a slope that varies between points

14. an equation between two variables that gives a straight line when plotted on a graph

15. The process of translating machine-readable data into a form that can be understood by humans or read by other machines

16. Each input has one output (when the x does not repeat)

17. All possible outcomes, y values

19. the point or place where something begins, arises, or is derived

20. the line of the side of a graph; this is where the dependent variable is placed

21. the principal or horizontal axis of a system of coordinates, points along which have a value of zero for all other coordinates

22. a variable (often denoted by y) whose value depends on that of another

23. identification of and labeling of items for sale with the retail price per unit, permitting easier price comparisons among similar products in different sized containers

24. An algebraic rule is a method for describing the relationship between two variables

26. point at which a line intersects (crosses) the horizontal (y) axis

27. has one independent variable and one dependent variable

29. visual way to determine if a curve is a graph of a function or not

30. Two lines that intersect at right angles. An upside down T is used to denote this. These intersecting lines form four right angles

31. lines that never intersect

Down

1. Two lines that have all their points in common

3. a surface of which one end or side is at a higher level than another; a rising or falling surface

4. point at which a line intersects (crosses) the vertical (x) axis

8. ratio between the two quantities is always the same

9. what is put in, taken in, or operated on by any process or system

11. comparison of two numbers using division

12. the unknown function at a given point in the domain of the solution

13. between sets of values

18. A ratio that compares the amount of change in a dependent variable to the amount of change in an independent variable

25. An equation stating that two ratios are equal

28. A ratio of two quantities, the second of which is one unit